Appendices Appendix A. Full regression results for difference-in-difference analysis of STLDI policy

impact on ACA benchmark plans premiums, 2014-2021.

	(Main Model)	(Sensitivity Model)
VARIABLES		
Ban on short term plans	55.58	86.72**
-	(38.19)	(42.24)
Trump policy 2018-2021*Short term plans for 24 months	24.53	14.91
	(24.61)	` ,
Trump policy 2018-2021*Short term plans for 12 months	-76.74***	-106.4***
	(27.44)	
Trump policy 2018-2021*Short term plans for 6 months	-62.65**	-84.14***
	, ,	(27.07)
Trump policy 2018-2021*Short term plans for 3 months	3.729	
	(29.60)	, ,
Trump policy 2018-2021*Ban on short term plans	-87.60***	
	(32.33)	(40.76)
Policy change in 2016		-150.0**
D 1' 1 ' 2016#61 1 6 04		(56.50)
Policy change in 2016*Short term plans for 24 months		-21.60
D.1' 1 ' 2016*61 1 6 10		(25.62)
Policy change in 2016*Short term plans for 12 months		-61.01**
Dollary abanca in 2016*Chart tarm plans for 6 months		(25.68) -40.36
Policy change in 2016*Short term plans for 6 months		-40.36 (25.66)
Policy change in 2016*Short term plans for 3 months		-16.22
Toney change in 2010. Short term plans for 5 months		(27.37)
Policy change in 2016*Ban on short term plans		-63.85**
Toney enange in 2010. Buil on short term plans		03.02
		(29.23)
Share of young adults	-3,711	-3,386
, ,	(2,806)	(2,818)
	, , ,	
Income	-0.00488	-0.00445
	(0.00451)	(0.00464)
Constant	1,273***	1,213***
	(346.3)	(371.4)
Observations	408	408
R-squared	0.734	0.740
Number of states	51	51

Notes: Robust standard errors clustered at the state-level are in parentheses

The model includes states and years fixed effects

Appendix B. Unadjusted Difference-in-difference analysis of STLDI policy impact on ACA benchmark plans premiums, 2014-2021

VARIABLES	(Main model without control variables)
Don on short town plans	46.68
Ban on short term plans	(30.50)
Trump policy 2018-2021*Short term plans for 24 months	37.98*
real fermion and a second ferm	(19.03)
Trump policy 2018-2021*Short term plans for 12 months	-67.61**
	(25.68)
Trump policy 2018-2021*Short term plans for 6 months	-77.64***
	(23.97)
Trump policy 2018-2021*Short term plans for 3 months	4.967
T	(29.79)
Trump policy 2018-2021*Ban on short term plans	-111.1***
	(30.50)
Constant	501.6***
	(14.64)
Observations	408
Number of states	51
R-squared	0.727

Notes: Robust standard errors clustered at the state-level are in parentheses *** p<0.01, ** p<0.05, * p<0.1

The model includes states and years fixed effects, share of young adults and income are excluded.

Appendix C. Difference-in-difference estimates of STLDI policy impact on ACA benchmark plans premiums, 2014-2021. (Data for 2018 are excluded)

VARIABLES	(Premiums model)
Ban on short term plans	12.80
Trump policy 2018-2021*Short term plans for 24 months	(42.48) 34.31 (24.32)

Trump policy 2018-2021*Short term plans for 12 months	-68.47***
Trump policy 2018-2021*Short term plans for 6 months	(23.17) -65.36**
pand points and a month.	(25.66)
Trump policy 2018-2021*Short term plans for 3 months	14.73
	(28.51)
Trump policy 2018-2021*Ban on short term plans	-70.88*
	(36.86)
Share of young adults	-2,712
	(2,779)
Income	-0.00577
	(0.00429)
Constant	1,209***
	(337.1)
Observations	357
Number of states	51
R-squared	0.739

The model includes states and years fixed effects. Data for 2018 are excluded.

Appendix D. Event study analysis of policy impact on ACA benchmark plans premiums, 2014-2021

VARIABLES	
2015*Short term plans for 24 months	-20.14**
	(9.231)
2016*Short term plans for 24 months	-27.09
	(22.49)
2017*Short term plans for 24 months	-38.05
	(41.12)
2015*Short term plans for 12 months	4.171
	(12.78)
2016*Short term plans for 12 months	-24.33
	(25.94)
2017*Short term plans for 12 months	-95.38**
	(39.28)
2015*Short term plans for 6 months	9.761
	(15.30)

2016*Short term plans for 6 months	-15.53
2017*Short tarm plans for 6 months	(22.00) -55.13
2017*Short term plans for 6 months	-33.13 (44.11)
2015*Short term plans for 3 months	8.106
2010 Short term plants for 5 months	(14.63)
2016*Short term plans for 3 months	1.088
-	(22.97)
2017*Short term plans for 3 months	-25.28
2017/17	(42.19)
2015*Ban on short term plans	-2.717
2016*Pan on short term plans	(16.53) -27.00
2016*Ban on short term plans	(27.61)
2017*Ban on short term plans	-102.6**
Zee. Zuz en anten termi	(49.11)
2018*Short term plans for 24 months	37.25
	(46.75)
2018*Short term plans for 12 months	-127.9**
2010/01	(53.97)
2018*Short term plans for 6 months	-68.85**
2018*Short term plans for 3 months	(33.65) -26.34
2010 Short term plans for 3 months	(47.26)
2018*Ban on short term plans	-155.2***
	(46.06)
2019*Short term plans for 24 months	34.06
2010/01	(28.54)
2019*Short term plans for 12 months	-109.2**
2019*Short term plans for 6 months	(41.71) -84.57**
2017 Short term plans for 6 months	(33.16)
2019*Short term plans for 3 months	14.34
1	(45.62)
2019*Ban on short term plans	-144.3***
	(52.42)
2020*Short term plans for 24 months	-5.099
2020*Short term plans for 12 months	(26.57) -111.4***
2020*Short term plans for 12 months	(36.88)
2020*Short term plans for 6 months	-82.67***
2020 511010 01111 5111111111111111111111	(29.22)
2020*Short term plans for 3 months	16.19
	(37.23)
2020*Ban on short term plans	-102.5*
	(55.18)

2021*Short term plans for 24 months	-42.92
	(42.42)
2021*Short term plans for 12 months	-72.18**
	(30.41)
2021*Short term plans for 3 months	-79.12***
	(29.22)
2021*Ban on short term plans	-2.232
	(30.27)
2021*Ban on short term plans	-84.56
	(51.31)
	(76.63)
Share of young adults	-2,928
	(3,099)
T	0.00514
Income	-0.00514
	(0.00487)
Constant	907.5**
	(362.1)
Observations	408
Number of states	51
R-squared	0.752

The model includes states and years fixed effects variables

Appendix E. Difference-in-difference estimates of STLDI policy impact on ACA benchmark plans premiums after dropping the expansion years for states that expanded Medicaid after Trump's STLDI policies took effect, 2014-2021.

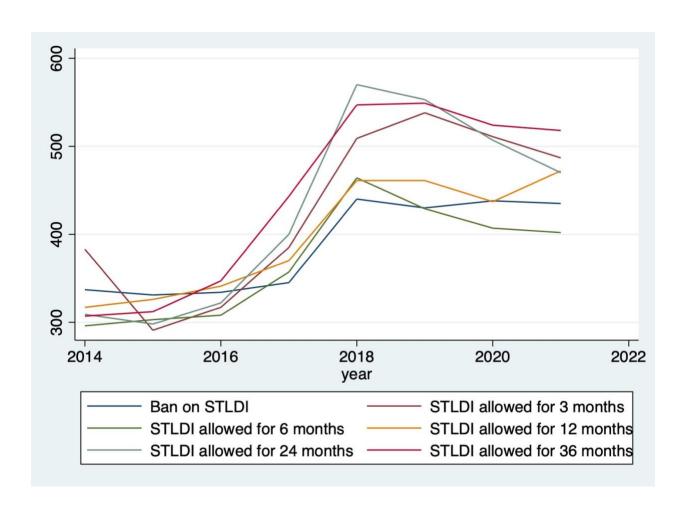
(Premium model)
105.004
105.824
(37.91073)
28.03618
(25.05793)
-73.66971 **
(27.33462)
-59.5902 **
(25.42269)
6.707964
(31.27107)
-84.44615**
(33.10621)

Share of young adults	-3578.409
	(2884.149)
Income	0050009
	(.0049048)
Constant	977.3669 ***
	(319.5612)
Observations	394
Number of states	51
R-squared	0.792

The model includes states and years fixed effects variables

Data for states that expanded Medicaid in 2019-2021 are excluded (Virginia (STLDI 12), Maine (STLDI 6) in 2019, in Utah (STLDI 36), Idaho (STLDI 36), and Nebraska (STLDIO 36) in 2020, Oklahoma (STLDI 36) and Missouri (STLDI 36) in 2021)

Appendix F. Change in Premiums by STLDI duration



Appendix G . Full regression results from difference-in-difference analysis of STLDI policy impact on uninsured rate

	(Uninsured	(Sensitivity
WADIADIEC	Model)	Model)
VARIABLES Ren on short terms plans	0.00291	0.00497
Ban on short term plans	-0.00281 (0.00399)	-0.00487 (0.00556)
Trump policy 2018-2021*Short term plans for 24 months	0.00399)	0.00530)
Trump poncy 2010-2021 Short term plans for 24 months	(0.00242)	(0.00287)
Trump policy 2018-2021*Short term plans for 12 months	-0.00337	-0.00496
Trump poncy 2010 2021 Short term plans for 12 months	(0.00584)	(0.00908)
Trump policy 2018-2021*Short term plans for 6 months	0.000591	0.000732
Trump poncy 2010 2021 Short term plans for 6 months	(0.00222)	(0.00329)
Trump policy 2018-2021*Short term plans for 3 months	0.00273	0.00528
Trump poney 2010 2021 Short term prime 101 to monine	(0.00260)	(0.00363)
Trump policy 2018-2021*Ban on short term plans	-0.000705	0.00172
	(0.00340)	(0.00514)
Policy change in 2016	,	-0.0172**
•		(0.00670)
Policy change in 2016*Short term plans for 24 months		0.00382*
		(0.00204)
Policy change in 2016*Short term plans for 12 months		-0.00286
		(0.00662)
Policy change in 2016*Short term plans for 6 months		-0.000228
		(0.00289)
Policy change in 2016*Short term plans for 3 months		0.00504
		(0.00319)
Policy change in 2016*Ban on short term plans		0.00398
		(0.00383)
Chara of views a dulta	0.164	0.141
Share of young adults	0.164 (0.283)	0.141 (0.272)
Income	-9.55e-	-1.08e-
nicome	-9.55e- 07**	06**
	(4.73e-07)	
	(4.736 07)	(4.710 07)
Constant	0.126**	0.136***
	(0.0529)	(0.0494)
	(=)	(/
Observations	408	408
R-squared	0.693	0.701
Number of states	51	51

The model includes states and years fixed effects

Appendix H . Unadjusted egression results of the difference-in-difference estimates of STLDI policy impact on uninsured rate (share of young adults and state income are excluded)

	(Uninsured model)
VARIABLES	
Ban on short term plans	-0.000819
	(0.00373)
Trump policy 2018-2021*Short term plans for 24 months	0.00443**
	(0.00200)
Trump policy 2018-2021*Short term plans for 12 months	-0.00246
	(0.00581)
Trump policy 2018-2021*Short term plans for 6 months	-0.000759
	(0.00248)
Trump policy 2018-2021*Short term plans for 3 months	0.00220
	(0.00259)
Trump policy 2018-2021*Bab on short term plans	-0.00328
	(0.00373)
Constant	0.0838***
	(0.00155)
Observations	408
Number of states	51
R-squared	0.684

Notes: Robust standard errors clustered at the state-level are in parentheses *** p<0.01, ** p<0.05, * p<0.1

The model includes states and years fixed effects, share of young adults and state income are excluded

Appendix I . Full regression results of the difference-in-difference estimates of STLDI policy impact on uninsured rate (data for 2018 are excluded)

VARIABLES	(Uninsured model)
Ban on short term plans	-0.00370 (0.00423)

0.00534**
(0.00255)
-0.00356
(0.00567)
0.00146
(0.00238)
0.00269
(0.00286)
-1.72e-05
(0.00360)
0.101
(0.317)
-1.01e-06**
(4.79e-07)
0.137**
(0.0555)
357
51
0.701

Notes: Robust standard errors clustered at the state-level are in parentheses *** p<0.01, ** p<0.05, * p<0.1

The model includes states and years fixed effects, data for 2018 are excluded

Appendix J. Event Study analysis of STLDI policy impact on uninsured rate

VARIABLES	Uninsured model
2015* Short term plans for 24 months	0.00899***
	(0.00153)
2016* Short term plans for 24 months	0.0103***
	(0.00295)
2017* Short term plans for 24 months	0.00713**
	(0.00276)
2015* Short term plans for 12 months	0.00646
	(0.00497)
2016* Short term plans for 12 months	0.00506
	(0.00739)
2017* Short term plans for 12 months	-0.00263
	(0.0109)
2015* Short term plans for 6 months	-0.00152
	(0.00336)
2016* Short term plans for 6 months	0.00106
	(0.00417)

2017* Short term plans for 6 months	-0.00168
2015* Short term plans for 3 months	(0.00470) 0.00725*
2013 Short term plans for 3 months	(0.00723°)
2016* Short term plans for 3 months	0.00946**
Total Marie Paris San Caracana	(0.00454)
2017* Short term plans for 3 months	0.00843*
•	(0.00456)
2015* Ban on short term plans	0.00754**
	(0.00367)
2016* Ban on short term plans	0.00972*
2017# P	(0.00547)
2017* Ban on short term plans	0.00788
2019* Short town plans for 24 months	(0.00617) 0.00960***
2018* Short term plans for 24 months	(0.00330)
2018* Short term plans for 12 months	0.00338
2010 Short term plans for 12 months	(0.0125)
2018* Short term plans for 6 months	-0.000734
The second secon	(0.00489)
2018* Short term plans for 3 months	0.00942**
	(0.00468)
2018* Ban on short term plans	0.00719
	(0.00719)
2019* Short term plans for 24 months	0.0107***
2010/10/1	(0.00321)
2019* Short term plans for 12 months	-0.000145
2019* Short term plans for 6 months	(0.0106) 0.00163
2019. Short term plans for 6 months	(0.00506)
2019* Short term plans for 3 months	0.00862*
201) Short term plans for 5 months	(0.00484)
2019* Ban on short term plans	0.00703
1	(0.00726)
2020* Short term plans for 24 months	0.0113***
	(0.00325)
2020* Short term plans for 12 months	-0.000240
2020/4/91	(0.0109)
2020* Short term plans for 6 months	0.00187
2020* Short town plans for 2 months	(0.00483) 0.00870*
2020* Short term plans for 3 months	(0.00471)
2020* Ban on short term plans	0.00705
2020 Sun on onort term plants	(0.00702)
2021* Short term plans for 24 months	0.0117***
1	(0.00351)
	,

2021* Short term plans for 12 months	-0.000956
-	(0.0110)
2021* Short term plans for 6 months	0.00263
	(0.00475)
2021* Short term plans for 3 months	0.00913*
	(0.00480)
2021* Ban on short term plans	0.00863
	(0.00729)
Share of young adults	0.159
	(0.270)
Income	-1.04e-06*
	(5.26e-07)
Constant	0.136***
	(0.0460)
Observations	408
Number of states	51
R-squared	0.720

Notes: Robust standard errors clustered at the state-level are in parentheses *** p<0.01, ** p<0.05, * p<0.1

The model includes states and years fixed effects

Appendix K . Difference-in-difference estimates of STLDI policy impact on uninsured rate after dropping the expansion years for states that expanded Medicaid after Trump's STLDI policies took effect, 2014-2021.

	(Uninsured model)
VARIABLES	,
Trump policy 2018-2021*Short term plans for 24 months	0.0046657 *
	(0.002528)
Trump policy 2018-2021*Short term plans for 12 months	-0.0034676
	(0.0058952)
Trump policy 2018-2021*Short term plans for 6 months	0.0005159
	(0.0022993)
Trump policy 2018-2021*Short term plans for 3 months	0.003319
	(0.0026026)
Trump policy 2018-2021*Ban on short term plans	-0.0007873
	(0.0034356)
Share of young adults	0.1445048
	(0.2816867)
Income	-9.42e-07
	(4.89e-07)

Constant	0.1363977 **
	(0.0463726)
Observations	394
Number of states	51
R-squared	0.240

The model includes states and years fixed effects variables

Data for states that expanded Medicaid in 2019-2021 are excluded (Virginia (STLDI 12), Maine (STLDI 6) in 2019, in Utah (STLDI 36), Idaho (STLDI 36), and Nebraska (STLDIO 36) in 2020, Oklahoma (STLDI 36) and Missouri (STLDI 36) in 2021)